

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/001858

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B81B3/00 H01L21/20 H01L21/762

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B81B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 797 347 A (COMMISSARIAT ENERGIE ATOMIQUE) 9 February 2001 (2001-02-09) page 13, line 19 - page 17, line 18	1-17, 19-31, 33
Y	figures 1-5	18, 32
Y	US 6 198 159 B1 (KATSUKI SHOUZOU ET AL) 6 March 2001 (2001-03-06) column 1, line 29 - column 2, line 13 figure 1	18, 32
	----- -/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*A\* document member of the same patent family

Date of the actual completion of the international search

16 December 2004

Date of mailing of the international search report

28/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Meister, M

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>LIU X H ET AL: "Investigation of interface in silicon-on-insulator by fractal analysis"            APPLIED SURFACE SCIENCE, 28 FEB. 2002, ELSEVIER, NETHERLANDS,            vol. 187, no. 3,            28 February 2002 (2002-02-28), pages 187-191, XP002272808            ISSN: 0169-4332            * le texte entier *table 3</p>	1-4,22, 23,27
Y	<p>US 2002/145489 A1 (CORNETT KENNETH D ET AL) 10 October 2002 (2002-10-10)</p> <p>page 5, paragraph 82 - page 6, paragraph 83            page 6, paragraph 85 - paragraph 90            figures 2,17-22            figures 25-27</p>	1-5,7,8, 13-17, 19-24, 26,27, 29-31,33
Y	<p>YEE Y ET AL: "Polysilicon surface-modification technique to reduce sticking of microstructures"            SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH,            vol. 52, no. 1, 1 March 1996 (1996-03-01), pages 145-150, XP004007044            ISSN: 0924-4247            * alinéa &lt;&lt;Introduction&gt;&gt; *            * alinéa &lt;&lt;Experimental&gt;&gt; *            figures 2,5</p>	1-5,7,8, 13-17, 19-24, 26,27, 29-31,33
A	<p>US 5 259 247 A (BANTIEN FRANK)            9 November 1993 (1993-11-09)</p> <p>column 3, line 65 - column 4, line 2            column 7, line 16 - line 64            figure 5</p>	1,5,8,9, 20,24, 27,28

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/001858

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2797347	A	09-02-2001	FR 2797347 A1	09-02-2001
			EP 1203403 A1	08-05-2002
			WO 0111667 A1	15-02-2001
			JP 2003506892 T	18-02-2003
			TW 457565 B	01-10-2001
US 6198159	B1	06-03-2001	JP 10275752 A	13-10-1998
			DE 19813669 A1	01-10-1998
US 2002145489	A1	10-10-2002	WO 02081365 A2	17-10-2002
US 5259247	A	09-11-1993	DE 4106288 A1	03-09-1992
			JP 3126467 B2	22-01-2001
			JP 4326033 A	16-11-1992